

Converting Colors

XYZ(51.9517, 35.9103, 26.3929)

Have a look what the booklet for
XYZ(51.9517, 35.9103, 26.3929)
contains.

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Color

**XYZ(51.9521, 35.9103,
26.3835)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7685
RGB	255, 118, 133
RGB Percent	100%, 46%, 52%
CMY	0.0000, 0.5372, 0.4784
CMYK	0.00, 0.54, 0.48, 0.00
HSL	353°, 100%, 73%
HSV	353°, 54%, 100%
XYZ	51.9521, 35.9103, 26.3835
YIQ	160.6730, 76.8370, 33.7090

Conversions

Conversions Part 2

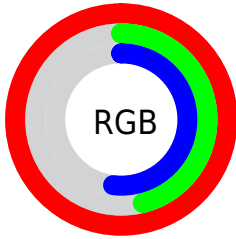
Format	Color
R_{YB}	255, 118, 133
Decimal	16742021
CIE _{Lab}	66.45, 53.42, 17.47
CIE _{LCh}	66, 56.204, 18.110
Yxy	35.9103, 0.4547, 0.3143
Android (android.graphics.Color)	4294932101 (0xFFFF7685)
YUV	160.6730, -13.6428, 82.7248
Hunter-Lab	59.9252, 49.8813, 15.8438

Details

The XYZ color **51.9521, 35.9103, 26.3835** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **58.9615, 81.6637, 95.0986**, and the grayscale version is **33.7620, 35.5203, 38.6816**.

A 20% lighter version of the original color is **65.2390, 55.0773, 53.6469**, and **25.6259, 15.6644, 10.0604** is the 20% darker color. If you saturate the color by 10%, you get **47.9416, 30.1347, 18.1250**, and if you desaturate by 10%, it is **57.1151, 43.4483, 36.7000**.

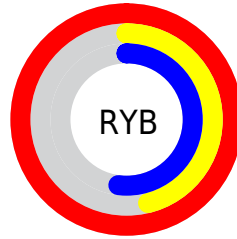
Distribution



Red (100%)

Green (46%)

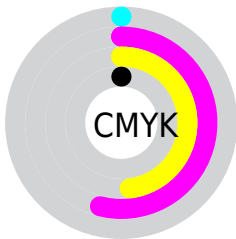
Blue (52%)



Red (100%)

Yellow (46%)

Blue (52%)

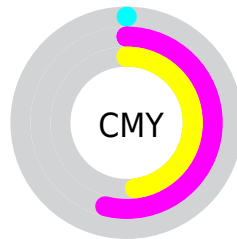


Cyan (0%)

Magenta (54%)

Yellow (48%)

Black (0%)



Cyan (0%)


Magenta (54%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.9521, 35.9103, 26.3835 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 51.9521, 35.9103, 26.3835 by changing the saturation by 10% instead.


 51.9521, 35.9103,
26.3835


 51.9521, 35.9103,
26.3835


384.5787,
328.5683, 298.3248

 37.1910, 24.3649,
16.8824

 92.2352, 68.8936,
54.8846

 25.5298, 15.6045,
9.9896


 118.4880, 91.1003,
74.7218

 16.6030, 9.2448,
5.2866


 149.3020,
117.6296, 98.8414

 10.0454, 4.9012,
2.3547

185.0427,
148.8658, 127.6619

 5.4916, 2.1894,
0.7616

226.0753,
185.1934, 161.6020

 2.5762, 0.7142,
0.0000

272.7653,

 0.9338, 0.0000,

226.9968, 201.0802

0.0000

325.4779,
274.6603, 246.5149

■ 0.0000, 0.0000,
0.0000

■ 51.9521, 35.9103,
26.3835

■ 51.9521, 35.9103,
26.3835

■ 47.9416, 30.1347,
18.1250

■ 57.1151, 43.4483,
36.7000

■ 44.9918, 25.9729,
11.7841

■ 63.5074, 52.8701,
49.1982

■ 43.0010, 23.2614,
7.2053

■ 71.2027, 64.2931,
63.9946

■ 41.8462, 21.7991,
4.2080

■ 80.2677, 77.8236,
81.1965

■ 41.4484, 21.3434,
3.0280

■ 90.7649, 93.5600,
100.9045

95.0499, 100.0000,
108.9000

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



52.5562, 35.9103, 49.4547



51.9521, 35.9103, 26.3835



46.1258, 35.9103, 13.7405

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



51.9521, 35.9103, 26.3835



23.4404, 35.9103, 15.5898



30.9029, 35.9103, 104.3029

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



51.9521, 35.9103, 26.3835



58.9615, 81.6637, 95.0986

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



24.4209, 35.9103, 84.7820



51.9521, 35.9103, 26.3835



20.6115, 35.9103, 30.3024

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



51.9521, 35.9103, 26.3835



29.3415, 35.9103, 9.5104



20.9381, 35.9103, 55.3602



39.4167, 35.9103, 101.8177

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



51.9521, 35.9103, 26.3835



40.5319, 35.9103, 9.9239



20.9381, 35.9103, 55.3602



28.4434, 35.9103, 99.8503

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



51.9530, 35.9122, 26.3841



78.0794, 74.5513, 77.0616



60.1318, 38.5325, 98.8758



16.3024, 15.3449, 15.7182



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



51.9530, 35.9122, 26.3841



47.8459, 29.9981, 17.9238



58.9831, 51.5136, 23.9764



18.0902, 18.0194, 19.0920



21.6835, 11.1627, 1.7179



2.1364, 1.0969, 0.2995

Inverse Universe

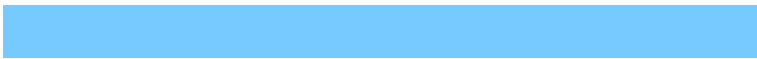
The Inverse Universe completely reimagines the original color for something new.



51.9530, 35.9122, 26.3841



47.8459, 29.9981, 17.9238



46.7571, 53.5417, 102.4778



18.0902, 18.0194, 19.0920



21.6835, 11.1627, 1.7179



2.1364, 1.0969, 0.2995

Previews

White Background



This preview shows how the XYZ color 51.9521, 35.9103, 26.3835 looks on a white background.

Color Contrast Check

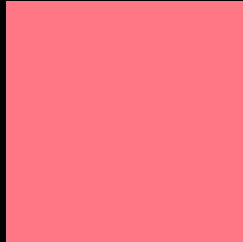
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 51.9521, 35.9103, 26.3835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

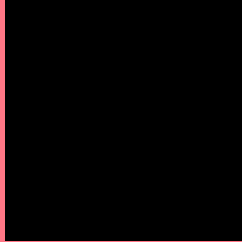
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.9521, 35.9103, 26.3835

Background



This preview shows how black text looks on a background with the XYZ color 51.9521, 35.9103, 26.3835.



This preview shows how white text looks on a background with the XYZ color 51.9521, 35.9103,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

51.9521, 35.9103, 26.3835

Protanopia

34.5976, 36.0718, 36.1494

Deuteranopia

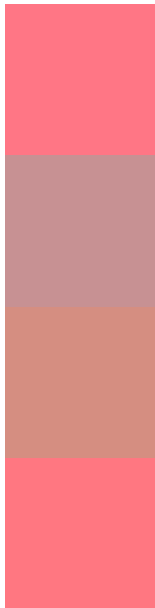
36.5384, 35.7938, 25.0618



Tritanopia

51.6676, 35.9860, 24.3015

Trichromacy



Original Color

51.9521, 35.9103, 26.3835

Protanomaly

38.9450, 34.4995, 32.2102

Deuteranomaly

41.0760, 35.0771, 25.3745

Tritanomaly

51.7993, 36.0386, 24.9949

Monochromacy



Original Color

51.9521, 35.9103, 26.3835

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

38.2170, 34.0873, 33.8434

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.9521, 35.9103, 26.3835 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 118, 133)` looks like.

```
.text, #text, p{  
    color:rgb(255, 118, 133)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 118, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 118, 133) }
```

Border

The CSS property to change the border of an element to XYZ 51.9521, 35.9103, 26.3835 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 118, 133) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 118, 133) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 118, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 118, 133); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 118, 133); box-shadow:4px 4px 4px 4px rgb(255, 118, 133) }
```

Background

The CSS property to change the background color of an element to XYZ 51.9521, 35.9103, 26.3835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 118, 133) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
118, 133) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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